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NPIC/R-115/62

DECLASS REVIEW BY NIMA / DoD

CURRENT SUMMARY OF SOVIET ICBM LAUNCH AREAS
IDENTIFIED ON KEYHOLE PHOTOGRAPHY

25X1D This report presents a current summary of deployed ICBM launch areas in the USSR identified on KEYHOLE photography as of (Table 1).

The total number of deployed ICBM launch areas identified is now 56, with a minimum total of 98 pads (on the assumption of one pad for each Shadrinsk-type launch area) referenced to 16 separate locations. The total includes 34 launch areas of the Tyura Tam Complex "C", or Yur'ya, type with a total of 68 pads; 4 of the Tyura Tam Launch Complex "B" type with a total of 4 pads; 10 of the Tyura Tam Launch Complex "D", or Shadrinsk, type with a minimum total of 10 pads; and 8 of the Tyumen' type with a total of 16 pads. The total of 56 launch areas appear at the following complexes: Drovyanaya, Gladkaya, Itatka, Kostroma, Kozel'sk, Novosibirsk, Perm', Plesetsk, Shadrinsk, Svodbodnyy, Teykovo, Tyumen', Verkhnyaya Salda, Yedrovo, Yoshkar-Ola, and Yur'ya. A possible ICBM complex is located at Nyandoma with no launch areas identified to date, and a suspect complex is located near Omsk.

All coordinates referenced in Table 1 have been derived from the appropriate US Air Target Chart - Series 200. These coordinates are considered to be the most accurate to date.

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Table 1. Current Summary of Soviet ICBM Launch Areas Identified on KEYHOLE Photography.

Item	Complex Area Name	Area Designator	BE Number	Coordinates	Distance Between Areas - NM	Launch Area Orientation	No of Pads	Construction Status 1/	Degree of Confidence	Missions
25X1D										
1.	Drovyannaya Support Facility	A		51-32N 113-01E	--	--	-	U/C	Firm	
	Transfer Point			-- --	--	--	-	Complete	Firm	
	Launch Area			51-24N 113-00E	--	20*	2	U/C	Firm	
2.	Gladkaya Support Facility	A B		56-05N 92-13E	--	--	-	U/C	Poss	
	Launch Area			56-20N 92-19E	--	60*	2	U/C	Firm	
				56-25N 92-25E	A-B 6.0	60*	2	U/C	Firm	
3.	Itatka Support Facility	A B		56-50N 85-36E	--	--	-	Complete	Firm	
	Transfer Point			56-31N 85-36E	--	--	-	Complete	Firm	
	Launch Area			56-58N 85-33E	--	10*	2 ²	Complete	Firm	
				57-01N 85-39E	A-B 4.4	10*	2	U/C	Firm	
				57-46N 41-00E	--	--	-	Complete	Firm	
4.	Kostroma Support Facility	A B C D E		57-51N 41-15E	--	--	-	Complete	Firm	
	Transfer Point			58-02N 41-21E	--	295*	2	Complete	Firm	
	Launch Area			58-02N 41-07E	A-B 7.5	295*	2	Complete	Firm	
				57-59N 41-09E	A-C 7.1	295*	2	U/C	Firm	
				58-05N 41-40E	A-D 10.5	295*	2	U/C	Firm	
				57-57N 41-13E	A-E 8.5	300*	1	U/C	Firm	
				53-57N 35-48E	--	--	-	U/C	Firm	
5.	Kozel'sk Support Facility	A B C		53-54N 35-44E	--	295*	2	U/C	Firm	
	Launch Area			53-48N 35-47E	A-B 7.3	295*	2	U/C	Firm	
				53-46N 35-41E	A-C 8.2	295*	2	U/C	Firm	
				55-16N 82-57E	--	--	-	Complete	Firm	
6.	Novosibirsk Support Facility	A B C		55-19N 83-10E	--	Undetermined	2	U/C	Firm	
	Launch Area			55-19N 83-01E	A-B 5.2	Undetermined	1	U/C	Firm	
				55-23N 82-56E	A-C 9.0	Undetermined	1	U/C	Firm	
				61-39N 40-10E	--	--	-	--	Poss	
7.	Nyandoma Support Facility			-- --	--	--	-	--	--	
	Clearing or Excavation			-- --	--	--	-	--	--	
				-- --	--	--	-	--	--	
8.	Omsk Support Facility	A		55-03N 73-30E	--	--	-	U/C	Suspect	
	Transfer Point			55-06N 73-33E	--	--	-	U/C	Suspect	
	*Launch Area			55-09N 73-38E	--	--	-	U/C	Suspect	

*Not included in total number of launch areas.

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Table 1. (continued)

Item	Complex Area Name	Area Designator	BE Number	Coordinates	Distance Between Areas - NM	Launch Area Orientation	No of Pads	Construction Status 1/	Degree of Confidence	Missions
9.	Porm' Support Facility			57-42N 56-19E	--	--	-	Complete	Firm	25X1D
	Transfer Point			57-42N 56-17E	--	--	-	Complete	Firm	
	Launch Area	A		57-41N 56-13E	--	315*	2	Complete	Firm	
		B		57-42N 55-57E	A-B 8.5	315*	2	U/C	Firm	
10.	Plesetsk Support Facility			62-56N 40-39E	--	--	-	Complete	Firm	
	Transfer Point			62-55N 40-45E	--	--	-	Complete	Firm	
	Launch Point	I		62-55N 40-27E	--	Undetermined	1	Complete	Firm	
		II		62-55N 40-28E	I-II 0.4	Undetermined	1	Complete	Firm	
		III		62-56N 40-32E	I-III 2.5	Undetermined	1	Complete	Firm	
		IV		62-57N 40-41E	I-IV 6.5	Undetermined	1	Complete	Firm	
		A		62-55N 40-47E	I-A 10.0	345*	2	Complete	Firm	
		B		63-03N 40-58E	I-B 15.9	345*	2	Complete	Firm	
		C		63-01N 40-52E	I-C 12.6	10*	1	U/C	Firm	
11.	Shadrinsk Support Facility			56-08N 63-40E	--	--	-	Complete	Firm	
	Transfer Point			56-10N 63-41E	--	--	-	Undetermined	Firm	
	Launch Area	A		56-09N 63-52E	--	60*	1	U/C	Firm	
		B		56-10N 64-03E	A-B 6.3	60*	1	U/C	Firm	
12.	Svobodnyy Support Facility			51-46N 128-07E	--	--	-	Complete	Firm	
	Transfer Point			51-46N 128-09E	--	--	-	Complete	Firm	
	Launch Area	A		51-55N 128-10E	--	30*	2	U/C	Firm	
		B		51-49N 128-19E	A-B 12.4	30*	2	U/C	Firm	
		C		51-53N 128-23E	A-C 9.0	30*	2	U/C	Firm	

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Table 1. (continued)

Item	Complex Area Name	Area Designator	BE Number	Coordinates	Distance Between Areas - NM	Launch Area Orientation	No of Pads	Construction Status 1/	Degree of Confidence	Missions
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13.	Toykovo Support Facility	A		50-52N 40-35E	--	--	-	Complete	Firm	
	Transfer Point			50-54N 40-34E	--	--	-	Complete	Firm	
	Launch Area			50-55N 40-27E	--	295*	2	Complete	Firm	
				50-56N 40-33E	A-B 3.5	295*	2	Complete	Firm	
				50-55N 40-17E	A-C 5.5	295*	2	U/C	Firm	
14.	Tyumen* Support Facility	A		50-52N 65-53E	--	--	-	Complete	Firm	
	Transfer Point			50-53N 65-48E	--	--	-	U/C	Firm	
	Launch Area			50-52N 65-35E	--	300*	2	U/C	Firm	
				50-48N 65-38E	A-B 4.4	300*	2	U/C	Firm	
				50-51N 65-28E	A-C 4.0	300*	2	U/C	Firm	
15.	Verkhnyaya Saida Support Facility	A		50-02N 60-23E	--	--	-	Complete	Firm	
	Transfer Point			50-02N 60-23E	--	--	-	Complete	Firm	
	Launch Area			50-09N 60-16E	--	350*	2	Complete	Firm	
				50-06N 60-22E	A-B 3.3	350*	2	Complete	Firm	
				50-10N 60-28E	A-C 6.5	350*	2	Complete	Firm	
				50-12N 60-34E	A-D 10.0	350*	2	Complete	Firm	
				50-14N 60-54E	A-E 20.8	350*	2	Complete	Firm	
				50-14N 60-41E	A-F 14.1	45*	1	U/C	Firm	
				50-13N 60-49E	A-G 18.0	45*	1	U/C	Firm	
16.	Yedrovo Support Facility	A		57-51N 33-41E	--	--	-	Complete	Firm	
	Transfer Point			57-52N 33-39E	--	--	-	Complete	Firm	
	Launch Area			57-48N 33-36E	--	290*	2	U/C	Firm	
				57-48N 33-14E	A-B 11.8	290*	2	U/C	Firm	
				57-49N 33-08E	A-C 14.9	290*	2	U/C	Prob	
17.	Yoshkar-Ola Support Facility	A		50-34N 48-03E	--	--	-	Complete	Firm	
	Transfer Point			50-34N 48-04E	--	--	-	Complete	Firm	
	Launch Area			50-35N 48-10E	--	335*	2	Complete	Firm	
				50-35N 48-18E	A-B 4.4	335*	2	Complete	Firm	
				50-34N 48-25E	A-C 8.3	335*	2	U/C	Firm	

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Table 1. (continued)

Item	Complex Area Name	Area Designator	BE Number	Coordinates	Distance Between Areas - NM	Launch Area Orientation	No of Pads	Construction Status 1/	Degree of Confidence	Missions
25X1D										
18.	Yur'ya			59-03N 49-19E	--	--	-	Complete	Firm	
	Support Facility			59-10N 49-29E	--	--	-	Complete	Firm	
	Auxiliary			59-10N 49-29E	--	--	-	Complete	Firm	
	Support Facility			59-09N 49-33E	--	340*	2	Complete	Firm	
	Transfer Point			59-08N 49-41E	A-B 4.2	340*	2	Complete	Firm	
	Launch Area	A		59-12N 49-28E	A-C 5.9	340*	2	Complete	Firm	
		B		59-15N 49-24E	A-D 7.5	340*	2	Complete	Firm	
		C		59-22N 49-17E	A-E 15.3	Undetermined	1	U/C	Firm	
		D		59-21N 49-13E	A-F 15.8	340*	2	Complete	Firm	
		E		59-04N 49-52E	A-G 11.1	Undetermined	1	U/C	Firm	
		F								
		G								

1/ Construction status is considered complete when launch pads, ready buildings, road pattern, and support facilities appear to be completed.

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REFERENCES

PHOTOGRAPHY

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REQUIREMENTS

OACSI. TK-JRI-14T-1-62

NPIC PROJECT

JN-97/62

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SEARCH OF MISSION [] FOR ICBM ACTIVITY
ALONG SOVIET RAIL LINES

This report presents the results of a search, for ICBM activity, of all rail lines in the USSR covered by photography from KEYHOLE Mission

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[] A previous publication 1/ gave the results of a search of Missions [] and explained the standards used.

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The total length of Soviet rail line searched with negative results for ICBM activity in accordance with the established criteria 1/ is now 42,800 nautical miles. The Graphic Supplement* to this report consists of overlays to the 66 World Aeronautical Charts (WACs) that, together, show all the connecting rail lines known to exist in the USSR. Sixty-three of these overlays show the rail lines searched with negative results on the basis of this and the previous search. These overlays also indicate the location of all ICBM launch complexes identified to date. The search of Mission [] has resulted in revisions or additions to 36 of the WAC overlays.

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*Copies of the Graphic Supplement have been forwarded to the CIA requester and to the TALENT Control Officers of Army, Navy, Air Force, and NSA. Further reproduction and dissemination of these overlays to subordinate commands will be the responsibility of the above agencies.

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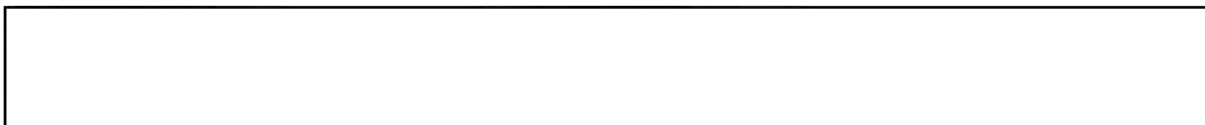
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REFERENCES

PHOTOGRAPHY*

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DOCUMENTS

1. NPIC. R-11/62, USSR Rail Line Search for ICBM Activity, Jan 62 (TOP SECRET RUFF)

REQUIREMENT

CIA. DDI/RR/E/R-14/62 (TOP SECRET RUFF)

NPIC PROJECT

JN-47/62

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